

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	(loudspeaker system with extended output and field).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/19 11:38
S2	2	("6389146").PNL	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/19 11:49
S3	2	("5109422").PNL	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/19 11:51
S4	2	("5361381").PNL	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/19 11:51
S5	8	("2251221").PNL	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/19 11:52
S6	9	("2254221").PNL	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/19 11:52
S7	3213	381/152,337-354,360,361,389,86.ccls. and (@rlad<"20030115" or @ad<"20030115")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/19 11:58
S8	2432	381/152,337-354,360,361,389,86.ccls. and (@rlad<"20030115" or @ad<"20030115") and (loudspeaker or speaker)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/19 11:58

S9	514	381/152,337-354,360,361,389,86.ccls. and (@rlad<"20030115" or @ad<"20030115") and (loudspeaker or speaker) and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/19 12:04
S10	609	381/152,337-354,360,361,389,86;181/148-156,160.ccls. and (@rlad<"20030115" or @ad<"20030115") and (loudspeaker or speaker) and filter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/19 12:11
S11	91	381/152,337-354,360,361,389,86;181/148-156,160.ccls. and (@rlad<"20030115" or @ad<"20030115") and (loudspeaker or speaker) and filter and (second with order)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/19 12:12
S12	57	381/152,337-354,360,361,389,86;181/148-156,160.ccls. and (@rlad<"20030115" or @ad<"20030115") and (loudspeaker or speaker) and filter and (second near3 order)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/19 12:13
S13	3694	(@rlad<"20030115" or @ad<"20030115") and (loudspeaker or speaker) and filter and (second near3 order) not S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/19 16:33
S14	1381	(@rlad<"20030115" or @ad<"20030115") and (loudspeaker or speaker) and filter and (second near3 order) and (db or decibel) not S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/19 16:37
S15	11	("4152552" "4243840" "4357490" "4771466" "4965837" "5086871" "5185801" "5532438" "D357678").PN. OR ("5821470").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/19 16:41
S16	203	(@rlad<"20030115" or @ad<"20030115") and (loudspeaker or speaker) and filter and (second near3 order) and (db or decibel) and (resonate or resonator or helmholtz) not S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/19 16:43
S17	186	(@rlad<"20030115" or @ad<"20030115") and (loudspeaker or speaker) and filter and (second near3 order) and (db or decibel) and (resonator or helmholtz or (acoustic filter)) not S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/19 16:44
S18	70	(@rlad<"20030115" or @ad<"20030115") and (loudspeaker or speaker or transducer).ab. and filter and (second near3 order) and (db or decibel) and (resonator or helmholtz or (acoustic filter)) not S12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/19 16:46

S19	30	("1969704" "2689016" "4549631" "4875546" "4924963" "5025885" "5092424" "5374124" "5479520" "5659157" "5714721" "5731553" "5749433" "6169811" "6223853").PN. OR ("6389146").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/19 17:10
S20	57	381/152,337-354,360,361,389,86;181/148-156,160. occls. and (@riac<"20030115" or @ad<"20030115") and (loudspeaker or speaker) and filter and (second near3 order) and (db or decibel) and (resonator or helmholtz or (acoustic filter)) and ((Q) or quality or (Qt)) not S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 12:43
S21	156	(@riac<"20030115" or @ad<"20030115") and (loudspeaker or speaker) and filter and (second near3 order) and (db or decibel) and (resonator or helmholtz or (acoustic filter)) and ((Q) or quality or (Qt)) not S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 12:43
S22	70	(@riac<"20030115" or @ad<"20030115") and (loudspeaker or speaker or transducer).ab. and filter and (second near3 order) and (db or decibel) and (resonator or helmholtz or (acoustic filter)) not S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 12:44
S23	137	(@riac<"20030115" or @ad<"20030115") and (loudspeaker or speaker) and filter and (second near3 order) and (db or decibel) and (resonator or helmholtz or (acoustic filter)) and ((Q) or quality or (Qt)) not S20 not S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/21 12:44
S24	12	("4118600" "4741040" "4969195" "5014320" "5031500").PN. OR ("5181251").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 13:20
S25	10	("3838215").PN. OR ("4031321").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 13:27
S26	31	("3530244" "3889060").PN. OR ("4118600").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 13:28
S27	15	("2887532" "3037081" "3984635" "4118600" "4126204" "4135600" "4180706" "4741040").PN. OR ("4997057").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 13:55
S28	14	("4395588" "4462112" "4649565").PN. OR ("4741040").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/21 13:56
S29	161	(@riac<"20030115" or @ad<"20030115") and (loudspeaker or speaker) and filter and (second near3 order) and (db or decibel) and (resonator or helmholtz or (acoustic filter)) and ((Q) or quality or (Qt))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 13:27
S30	0	(@riac<"20030115" or @ad<"20030115") and (loudspeaker or speaker) and (filter or equalizer or equaliser) and (second near3 order) and (db or decibel) and (resonator or helmholtz or (acoustic filter)) and ((Q) or quality or (Qt)) not S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 14:03

S31	34	((@riac<"20030115" or @ad<"20030115") and (loudspeaker or speaker) and (filter or equalizer or equaliser) and (second near3 order) and (\$4db or decibel) and (resonator or helmholtz or (acoustic filter)) and ((Q) or quality or (Qt)) not S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 14:06
S32	36	((@riac<"20030115" or @ad<"20030115") and (loudspeaker or speaker) and (filter or equalizer or equaliser) and (second near3 order) and (\$4db or decibel) and (resonator or helmholtz or (acoustic filter)) and ((Q\$2) or quality or (Qt)) not S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 14:10
S33	2	((@riac<"20030115" or @ad<"20030115") and (loudspeaker or speaker) and (filter or equalizer or equaliser) and (second near3 order) and (\$4db or decibel) and (resonator or helmholtz or (acoustic filter)) and ((Q\$2) or quality or (Qt)) not S29 not S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 14:11
S34	2	((@riac<"20030115" or @ad<"20030115") and (loudspeaker or speaker) and (filter or equalizer or equaliser) and (second near3 order) and (\$4db or decibel) and (resonator or helmholtz or (acoustic filter) or Helmholtz) and ((Q\$2) or quality or (Qt)) not S29 not S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 14:14
S35	0	((@riac<"20030115" or @ad<"20030115") and (loudspeaker or speaker) and (filter or equalizer or equaliser) and (second order) and (\$4db or decibel) and (resonator or helmholtz or (acoustic filter) or Helmholtz) and ((Q\$2) or quality or (Qt)) not S29 not S31 not S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 14:16
S36	6	("216674").PNL	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/25 14:21
S37	336	((@riac<"20030115" or @ad<"20030115") and (loudspeaker or speaker) and (filter or equalizer or equaliser) and (\$4db or decibel) and (resonator or helmholtz or (acoustic filter) or Helmholtz) and ((Q\$2) or quality or (Qt)) not S29 not S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 14:24
S38	66	((@riac<"20030115" or @ad<"20030115") and (loudspeaker or speaker).ab. and (filter or equalizer or equaliser) and (\$4db or decibel) and (resonator or helmholtz or (acoustic filter) or Helmholtz) and ((Q\$2) or quality or (Qt)) not S29 not S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 14:25

S39	37	("1631646" "2171940" "3326321" "3327808" "3529691" "3684051" "3690405" "3952159" "4063387" "4122314" "4122911" "4284166" "4356881" "4434507" "4466505" "4714133" "5056616" "5147986" "5150417" "5189706" "5306880" "5335283" "5359158" "5432860" "5514841" "5625701" "5657392" "5749433" "5892183" "6169811" "6176345" "6389145").PN. OR ("6704425").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:35
S40	270	(@riadc-"20030115" or @ad<"20030115") and (loudspeaker or speaker) and (filter or equalizer or equaliser) and (\$4db or decibel) and (resonator or helmholtz or (acoustic filter) or Helmholtz) and ((Q\$2) or quality or (Qt)) not S29 not S31 not S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 14:50
S41	189	(@riadc-"20030115" or @ad<"20030115") and (transducer).ab. and (filter or equalizer or equaliser) and (\$4db or decibel) and (resonator or helmholtz or (acoustic filter) or Helmholtz) and ((Q\$2) or quality or (Qt)) not S29 not S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 14:53
S42	19	("1969704" "2689016" "4549631" "4875546" "4924963" "5025885" "5092424" "5374124" "5479520" "5629502" "5659157" "5714721" "5731553" "5749433" "6169811" "6223853" "6431309").PN. OR ("7103193").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 14:58
S43	2	("3690405").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/25 15:04
S44	11	("1837755" "2766839" "3239028" "3371742").PN. OR ("3690405").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 15:04
S45	15	("2887532" "3037081" "3984635" "4118600" "4126204" "4135600" "4180706" "4741040").PN. OR ("4997057").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 15:05
S46	15	("2887532" "3037081" "3984635" "4118600" "4126204" "4135600" "4180706" "4741040").PN. OR ("4997057").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 15:07
S47	4	("2766839").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/25 16:27

S48	43	381/349.ccls. and (@rlad<"20030115" or @ad<"20030115") and (filter or equalizer or equaliser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 16:55
S49	272	((@rlad<"20030115" or @ad<"20030115") and (transducer or loudspeaker or speaker).ab. and (filter or equalizer or equaliser) and (\$4db or decibel) and (resonator or helmholtz or (acoustic filter) or Helmholtz) and ((Q\$2) or quality or (Qt))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 17:59
S50	10	("5009281").URPN.	USPAT	ADJ	ON	2008/08/25 18:00
S51	18	("3037081" "3812473" "3984635" "4091494" "4180706" "4549631" "4741040").PN. OR ("5009281").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 18:00
S52	18	("3037081" "3812473" "3984635" "4091494" "4180706" "4549631" "4741040").PN. OR ("5009281").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 18:00
S53	18	("3037081").URPN.	USPAT	ADJ	ON	2008/08/25 18:11
S54	22	381/353.ccls. and (@rlad<"20030115" or @ad<"20030115") and (filter or equalizer or equaliser)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 18:15
S55	12	381/353.ccls. and (@rlad<"20030115" or @ad<"20030115") and \$4db	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 18:19
S56	94	181/286.ccls. and (@rlad<"20030115" or @ad<"20030115") and \$4db	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 18:21
S57	21	181/286.ccls. and (@rlad<"20030115" or @ad<"20030115") and \$4db and (speaker or loudspeaker)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 18:21
S58	203	"381".clas. and (@rlad<"20030115" or @ad<"20030115") and \$4db and (resonator or helmholtz or (acoustic filter)) and (loudspeaker or speaker)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 18:25

S59	3	("3715501").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/25 18:34
S60	2	("4481662").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/25 18:35
S61	2	("5394478").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/25 18:36
S62	11	("4493389" "4924962" "5004066").PN. OR ("5394478").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/25 18:38
S63	23	"2689016"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/25 19:33
S64	5	("2689016").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/25 19:52
S65	3	("1969704").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/25 19:55
S66	2	("4875546").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/25 19:57
S67	2	("4549631").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/25 19:58
S68	15	("2687532" "3037081" "3984635" "4118600" "4126204" "4135600" "4180706" "4741040").PN. OR ("4997057").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 15:56

S69	796	((@riadc-"20030115" or @ad<"20030115") and \$4db and (resonator or helmholtz or (acoustic filter)) and (loudspeaker or speaker))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/26 16:17
S70	711	((@riadc-"20030115" or @ad<"20030115") and \$4db and (resonator or helmholtz or (acoustic filter) or (bass near2 reflex)) and (loudspeaker or speaker or transducer).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/26 16:20
S71	3	("6704425").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/08/26 16:25
S72	4	("4207963" "4379951" "5432860" "6044925").PN. OR ("7158648").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 16:56
S73	973	((@riadc-"20030115" or @ad<"20030115") and \$4db and (resonator or helmholtz or (acoustic filter) or (bass near2 reflex)) and ((loudspeaker or speaker or transducer) same (resonator or helmholtz or (acoustic filter) or (bass near2 reflex)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/26 17:11
S74	338	((@riadc-"20030115" or @ad<"20030115") and \$4db and (resonator or helmholtz or (acoustic filter) or (bass near2 reflex)) and ((loudspeaker or speaker or transducer) same (resonator or helmholtz or (acoustic filter) or (bass near2 reflex))) and (loudspeaker or speaker)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/26 17:13
S75	172	((@riadc-"20030115" or @ad<"20030115") and \$4db and (resonator or helmholtz or (acoustic filter) or (bass near2 reflex)) and ((loudspeaker or speaker or transducer) same (resonator or helmholtz or (acoustic filter) or (bass near2 reflex))) and (loudspeaker or speaker).ab.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/26 17:29
S76	36	("2129184" "2975852" "3135348" "3371742" "3638753" "3818138" "3819005" "3978941" "4169516" "4223760" "4281738" "4592444" "4819761" "4865153" "4953655" "4964482" "5012890" "5025885" "5227591" "5268538" "5306880" "5359664" "5402502" "5552569").PN. OR ("5710395").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 17:49
S77	42	("1969704" "4112259" "4549631" "4875546").PN. OR ("5025885").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 18:36

S78	24	("3619879" "3944757" "4297538" "4549631" "4616731" "4690244" "4805221" "4875546" "4987601" "5004066" "5009281" "5012890" "5025885" "5073945" "5115474" "5150418" "5173575").PN. OR ("5261006").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/08/26 18:53
S79	1267	181/142,148-156,160,182,189.ccls. and (@rlad<"20030115" or @ad<"20030115")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/26 19:31
S80	283	181/142,148-156,160,182,189.ccls. and (@rlad<"20030115" or @ad<"20030115") and (filter or (acoustic filter) or resonator or helmholtz)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/26 19:32
S81	66	181/142,148-156,160,182,189.ccls. and (@rlad<"20030115" or @ad<"20030115") and (filter or (acoustic filter) or resonator or helmholtz) and (Q or Qt or (Q\$2))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/26 19:34
S82	31	181/142,148-156,160,182,189.ccls. and (@rlad<"20030115" or @ad<"20030115") and (filter or (acoustic filter) or resonator or helmholtz) and (Q or Qt or (Q\$2)) and (\$4db)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/08/26 19:35

8/27/2008 7:42:29 PM

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